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From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>
Errors-To: Ham-Equip-Errors@UCSD.Edu
Reply-To: Ham-Equip@UCSD.Edu
Precedence: Bulk
Subject: Ham-Equip Digest V94 #223
To: Ham-Equip

Ham-Equip Digest Fri, 8 Jul 94 Volume 94 : Issue 223

Today's Topics:

CPU/PROM Chips & Info Needed!
ICOM R-100
Info PATRIOT trx?
Kenwood TH-78A: question
Kenwood TM-733A opinions?
Wal-Mart 900MHz ATV transmitter?

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Thu, 7 Jul 1994 08:58:27
From: ihnp4.ucsd.edu!usc!nic-nac.CSU.net!charnel.ecst.csuchico.edu!
yeshua.marcam.com!news.kei.com!ssd.intel.com!chnews!ornews.intel.com!
ccm.hf.intel.com!brett_miller@network.ucsd.edu
Subject: CPU/PROM Chips & Info Needed!
To: ham-equip@ucsd.edu

In article <CsJqvJ.J42@sgb.oau.org> steven@sgb.oau.org (Steven Bradley) writes:
>While I am surprised no-one has done it yet, it is NOT against the law to
>package up the chips, parts, instructions and sell them to radio hobbists
>to repair their own scanners to cover the FULL 800 mhz band. I mean Radio
>Shack could bag these as kits of parts and resell them!

You won't see Radio Shack do anything that even comes close to what you want.
Remeber, RS is the company that pulled all of its double conversion scanners
off the market in New Jersey because word got out that cellular images could
be heard on these scanners. They also supported the ECPA if I remember

correctly.

If you order a new micro from RS they will send you the one will cellular blocked. You will have to order your scanners and parts from some other country like Canada.

While I agree with you, I think the issue will die down as more digital cellular is used. This will put an end to cell monitoring for most people (although with the advent of DSP/sound cards for the computer, new possibilities may open up).

IMO, cellular monitoring is one of the most boring aspects of scanning anyway (except maybe at 3am).

Brett Miller N70LQ
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Date: 7 Jul 94 18:26:32 GMT
From: ihnp4.ucsd.edu!usc!elroy.jpl.nasa.gov!ncar!asuvax!pitstop.mcd.mot.com!
mcdphx!schbbs!mothost!delphinium.cig.mot.com!mustang3!thweatt@network.ucsd.edu
Subject: ICOM R-100
To: ham-equip@ucsd.edu

I have been thinking about selling my 1 year old R-100. This is an excellent radio and covers everything from 100KHz to 1.8GHz continuous coverage. This is a great radio and have enjoyed in a lot but I would like to get a transmitter. If your interested in finding out more about this radio just email me. I do not want to take less than \$500 for this radio and yes it is in mint condition. I still have the original box and equipment and am not really interested in a trade since I have an idea of what I will be getting next.

Thanks,
John T.

Date: 7 Jul 1994 10:14:04 GMT
From: ihnp4.ucsd.edu!usc!howland.reston.ans.net!EU.net!Germany.EU.net!news.dfn.de!
news.dfn.de!news.belwue.de!news.uni-stuttgart.de!deap1032@network.ucsd.edu
Subject: Info PATRIOT trx?
To: ham-equip@ucsd.edu

Hello everyone,

I have recently come across adverts for the US-made "PARTRIoT" hf rig. It looks quite reasonable to me, and I wonder if someone has info or experience regarding this rig.

What interests me particularly is reliability, signal quality and RX-intercept. If I receive several interesting answers via e-mail I will summarize and post them.

Cheers, Moritz, DL5UH
e-mail: deap1032@servus.rus.uni-stuttgart.de

Date: 8 Jul 1994 07:30:46 GMT
From: ihnp4.ucsd.edu!agate!howland.reston.ans.net!EU.net!Germany.EU.net!
Munich.Germany.EU.net!thoth.mch.sni.de!news.sni.de!nanette!norton!
schro@network.ucsd.edu
Subject: Kenwood TH-78A: question
To: ham-equip@ucsd.edu

In <2vh47o\$chf@apakabar.cc.columbia.edu> facchi@locarno.cc.columbia.edu (Athos Facchi) writes:

>Would anyone out there know how to extend the receiving frequency range on
>a Kenwood TH-78A both for VHF and UHF?

On my TH-78E i just had to push and hold PTT and VFO, then POWER ON.
I don't know if this works on the 'A' version. Please let me know if
you try.

73 de Django
DL5YEC

Date: Sat, 2 Jul 1994 05:29:34 GMT
From: vigra.com!news.vigra.com!steve@network.ucsd.edu
Subject: Kenwood TM-733A opinions?
To: ham-equip@ucsd.edu

Hey, thanks for your reply! That was some useful information. I got three e-mail responses as well, but none from people who owned or used the 733 model. It sounds as if Kenwood may have slipped on the receive end of this one, since people seem to speak highly of their other Kenwood mobile rigs.

I'm really bummed to hear that Kenwood doesn't stand behind their products with good part support. I would expect to be able to service the radio long after 15 months from buying it. I mean, Fixing It is a ham thing!

I have no reason to disbelieve the local HRO guy who first mentioned the serious intermod problem, since he did have new 733A's in stock, and yet he steered me away from them. He gets two brownie points in my book! It sounds like your local HRO guys are a little less clued in to the Service thing.

After seeing your post, and not hearing from anyone else with a 733A, I think I'm going to shop a bit more before plunking down that much cash. Current contenders are:

The Alinco DR-600T, which seems to have a larger detachable face than the 733A but also has full remote DTMF control. Austin's price is lowest again at \$579 (+ ~\$40 for a remote mount kit). I don't know if I can squeeze that faceplate in, especially since the mic wants to plug into it. The remote DTMF control sounds very interesting. Anyone have one of these?

The Standard C5718DA. This one has the whole control head on the speaker-mike. This may be both good and bad. How heavy/bulky is it? It looks larger than my HT. The nice part is that it saves me from the whole faceplate mounting problem. I have almost no dash space, and I am concerned about theft, so it would be great to throw the only visible part of the radio into the glovebox when I'm not using it. I guess it could hang from some peg on the dash when I'm driving. Austin doesn't stock Standard, and I don't know HRO's price. List is \$849. I'd probably want the memory upgrade (200 instead of a paltry 20 VHF + 20 UHF).

I'm also considering stepping down to a single-band Icom IC-281H 2m. The folks at HRO have only good things to say about it's performance, and their price is \$369. Austin gets \$375. It does have a 440 receive-only band, which gives you crossband repeat. It's 50 Watts, very small, and rather nice looking. The only problem is that I'd have to find a place to mount the whole thing, since the face isn't detachable. Its extra-small size might make it possible to replace the ashtray with it, though. :-). Right now, I'm considering stashing the whole radio in the large Saturn glovebox, but that puts the controls a bit far from the driver.

Are there any other remote-face twin-bands out there that folks would like to recommend?

Thanks much!

-Steve "Week 10 and waiting..."

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Date: Fri, 8 Jul 1994 05:00:03 GMT
From: vigra.com!news.vigra.com!steve@network.ucsd.edu
Subject: Wal-Mart 900MHz ATV transmitter?
To: ham-equip@ucsd.edu

Wal-Mart has an interesting gizmo called a "Video Wireless VCR Multiplier" for \$29.95. It's similar to the Gemini Rabbit TV transmitter/receiver pairs, but this one is still in production and stocked.

I bought one to experiment with, and it seems to have some promise for ATV work. The transmitter has two output frequencies, each with a tweak pot inside next to the selector switch. It seems to be able to put out a signal anywhere from 905 to 926 MHz with some stability. I have no idea what the (low) output power is, though, and the sparse docs don't say.

There is a new ATV repeater here on Mt. Palomar (San Diego) with a 919.25 MHz input frequency, which is well within range for this transmitter. I'm looking at a small amplifier advertised by Down East Microwave. This "DEM 3310PA" 902-928MHz 10W amplifier seems impressive for \$150 (less for kits). It only needs 10mW of input drive, so I would guess that the Wal-Mart box can make it happy.

Has anyone tried a setup like this? I'm looking for any tips on where to install an antenna output jack, since the unit has only a screw-in mini telescopic now. My inclination is to just install a BNC jack connected to ground and the current antenna post. Will I have any serious problems with impedance mismatch?

This certainly seems like a cheaper way to go than commercial ham ATV transmitters. Am I missing something?

Thanks!
-Steve

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End of Ham-Equip Digest V94 #223
